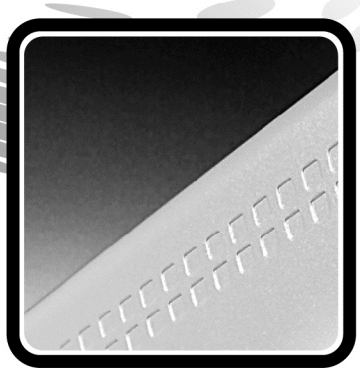
QUAESTOR-SZE™

Extinguishant Control Panel

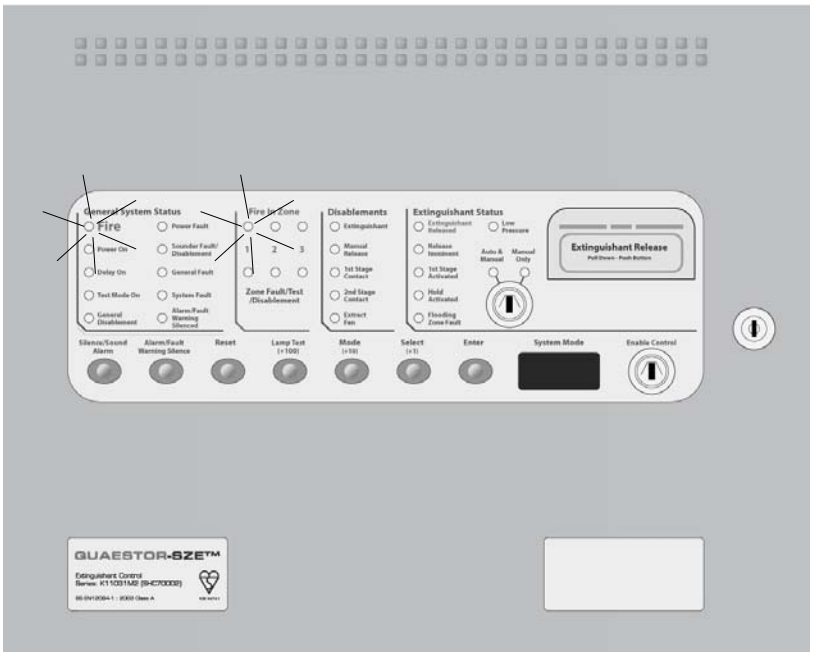
(SHC70002, SHC70003)

User Manual

Man-1091SHQU Issue 01 March 2013

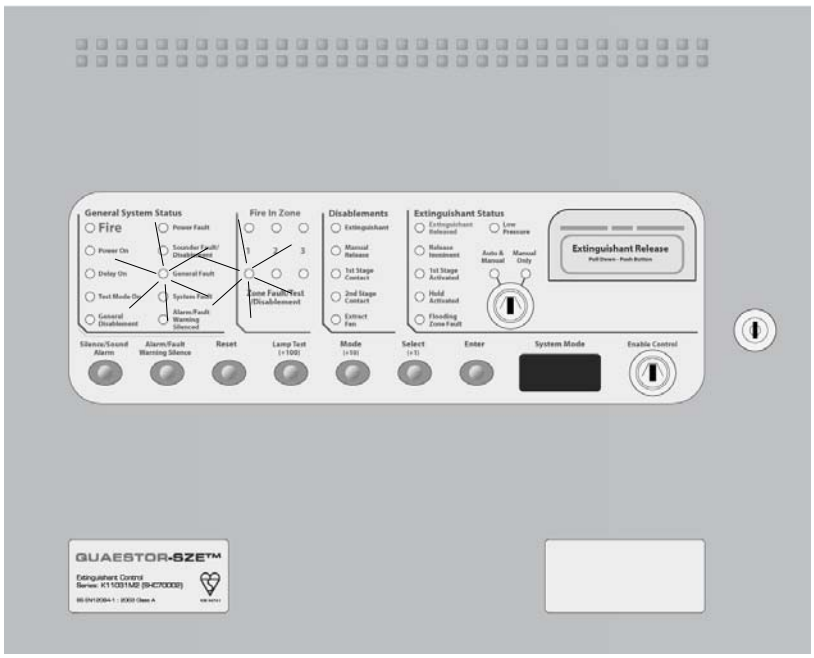


Fire alarm condition
General fire indicator lights and zonal fire indicators flash. Buzzer sounds urgently.



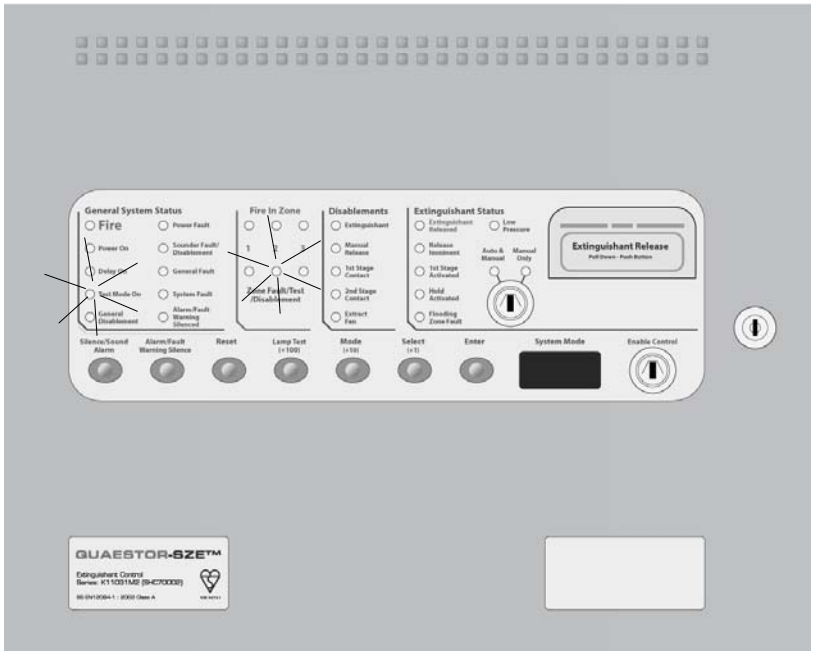
Carry out fire procedure.

Fault condition
General fault indicator lights and specific fault indicators flash. Buzzer sounds continuously.



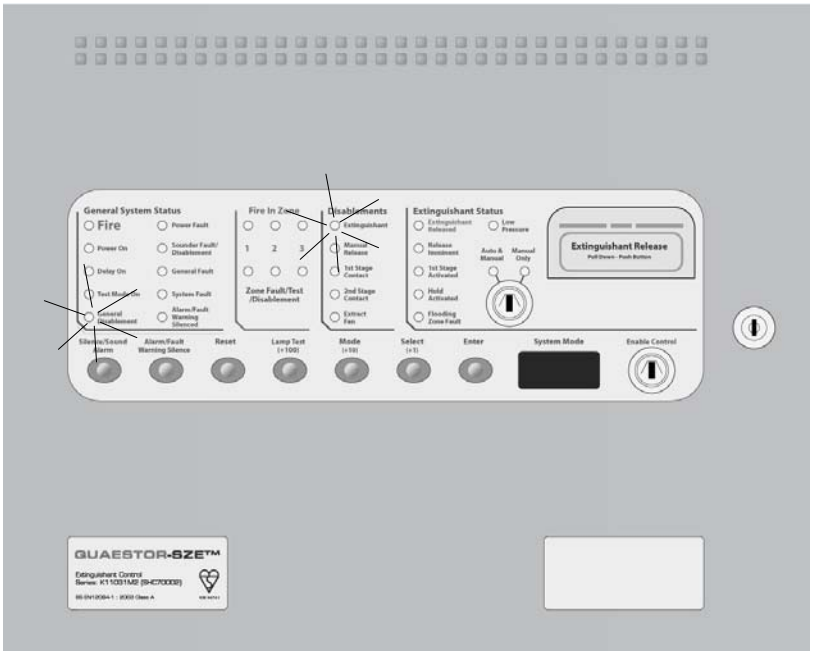
Call maintenance engineer.

Disabled condition
General disablement indicator and specific fault indicator lit continuously.



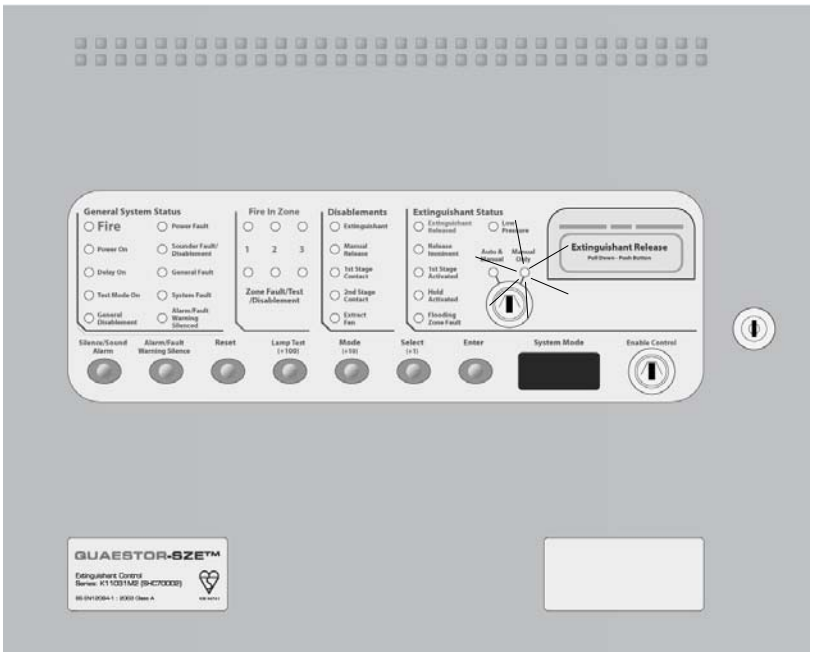
Maintain vigilance during disablement conditions.

Test condition
Test indicator and specific fault indicator lit continuously.



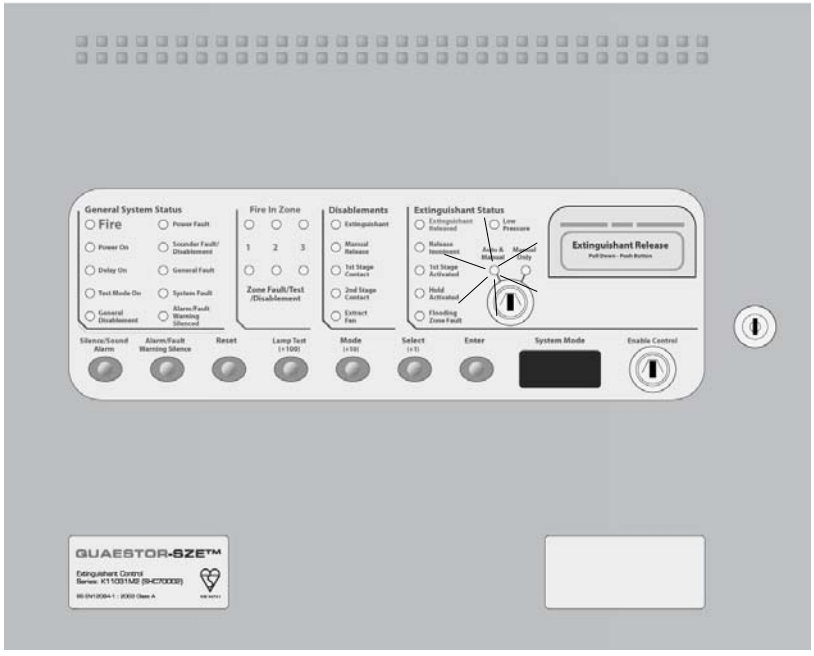
Ensure system is returned to normal when testing is finished.

Manual only mode
Manual only indicator lit



Extinguishant will not be released by automatic detection.

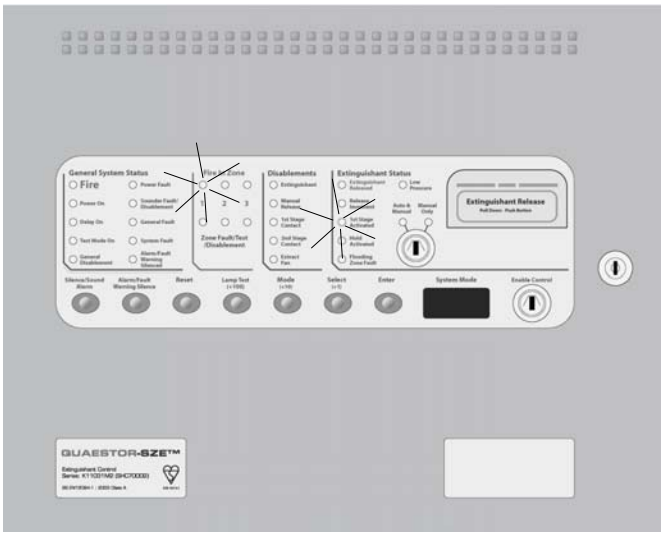
Automatic and Manual mode
Automatic and Manual indicator lit



Extinguishant will be released by automatic detection.

1st Stage activated

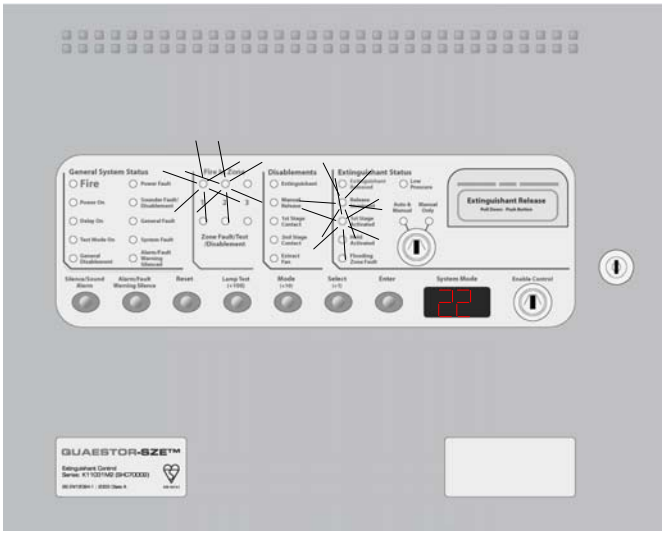
Normally accompanied by a zonal fire indicator. If no zonal fire indicator and Release imminent indicator is lit then a manual release button has been activated.



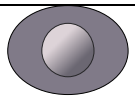
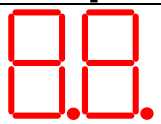
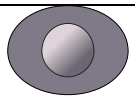
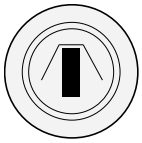
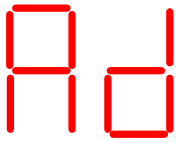
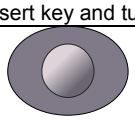
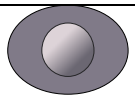
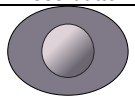
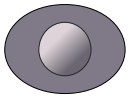
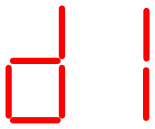
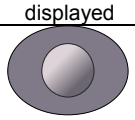
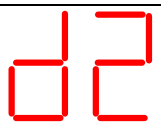
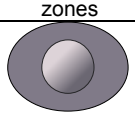
1st stage of automatic release of extinguishant has started.

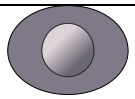
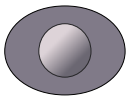
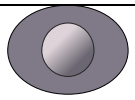
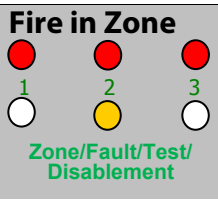
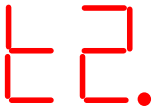
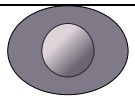
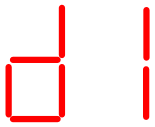
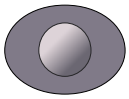
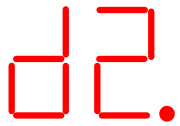
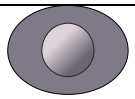
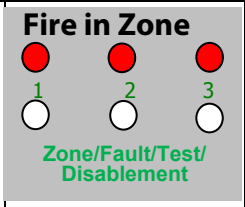
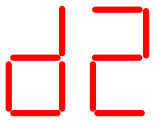
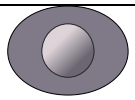
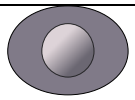
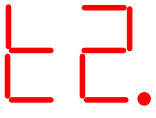
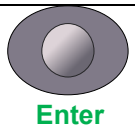
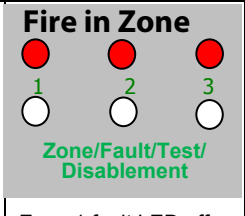
Release Imminent

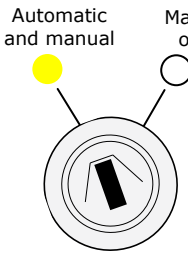
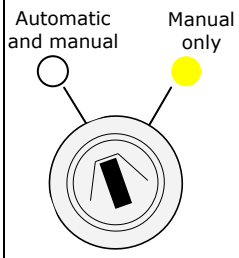
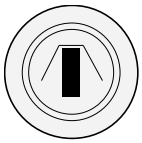
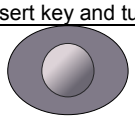
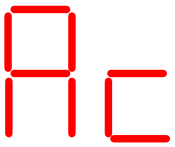
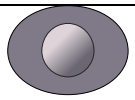
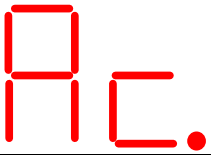
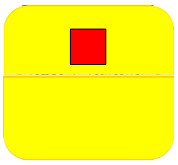
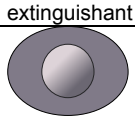
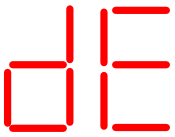
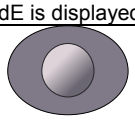
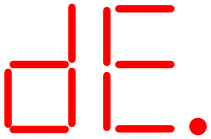
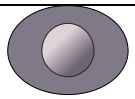
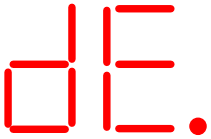
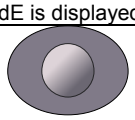
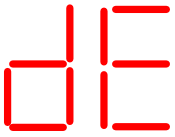
Always accompanied by 1st stage activated indicator. Normally accompanied by more than one zonal fire indicator. Countdown timer to extinguishant release has started. Time remaining before release indicated in seconds on seven segment display. If no zone fire LEDs lit then release is by manual unit.

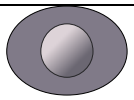
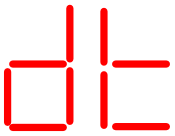
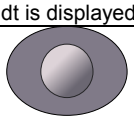
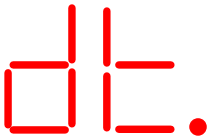
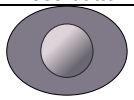
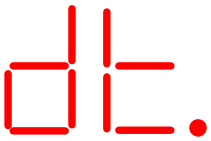
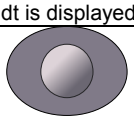
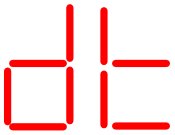
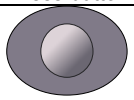
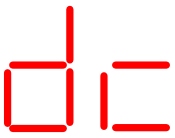
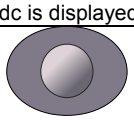
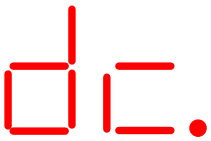
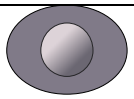
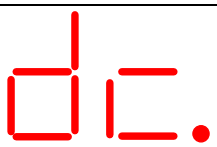
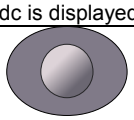
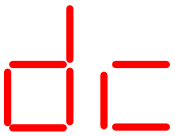
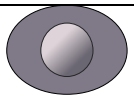
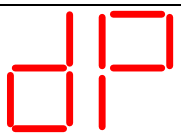
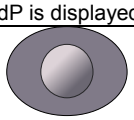
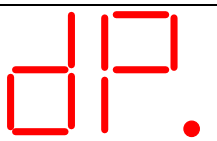


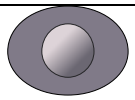
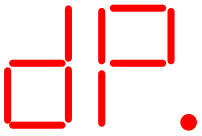
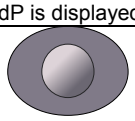
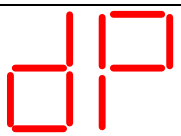
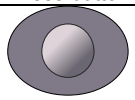
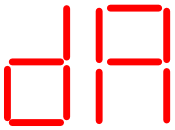
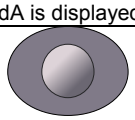
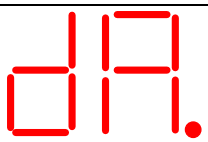
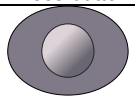
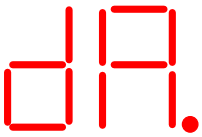
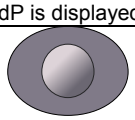
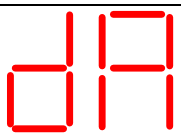
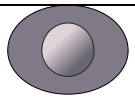
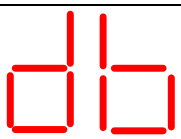
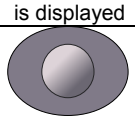
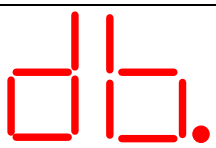
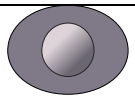
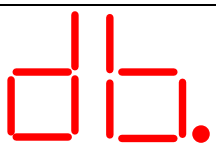
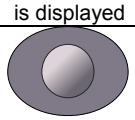
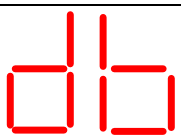
Extinguishant will be released when timer reaches zero, display will show EEE during extinguishant release.

How To	Do This	Display	Comments
Test lamps	 **Lamp test** Press button	 All lamps on	Buzzer sounds whilst button is pressed
Silence buzzer	 **Alarm/Fault warning silence** Press button	Alarm/ Fault warning silenced	
Enable buttons	**Enable control**  Insert key and turn		Buzzer beeps twice every seven seconds
Silence alarms	 **Silence/Sound Alarm** Press button	Alarm/Fault Buzzer Silenced	
Sound alarms	 **Silence/Sound Alarm** Press button	Fire	Buzzer beeps urgently
Reset	 **Reset** Press button	All fault indicators flash for 3 seconds	Resets fire detection system. Extinguishant system will reset only after the extinguishant has been released
Disable a zone step 1	 **Mode** Press button till d1 displayed	 First display	
Disable a zone step 2	 **Select** Press button to scroll zones	 Zone 2	
Disable a zone step 3	 **Enter** Press button	Fire in Zone 1 2 3 Zone/Fault/Test/ Disablement Zone 2 fault LED lit	General Disablement Dot flashes when disabled
How To	**Do This**	**Display**	**Comments**

Put a zone into test mode step 1	 **Mode** Press button till t1 displayed	 First display	
Put a zone into test mode step 2	 **Select** Press button to scroll zones	 Zone 2	
Put a zone into test mode step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Fault/Test/ Disablement** Zone 2 fault LED lit	Test mode on  Dot flashes when disabled
Enable a zone step 1	 **Mode** Press button till d1 displayed	 First display	
Enable a zone step 2	 **Select** Press button to scroll zones	 Zone 2	Disabled zones will have flashing dot.
Enable a zone step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Fault/Test/ Disablement** Zone fault LED off	 Dot stops flashing when enabled
Exit test mode step 1	 **Mode** Press button	 First display	
Exit test mode step 2	 **Select** Press to scroll zones	 Zone 2	Zones in test mode will have flashing dot
Exit test mode step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Fault/Test/ Disablement** Zone 1 fault LED off	 Dot stops flashing when test mode exited

How To	Do This	Display	Comments
Change from Manual only to Automatic and Manual and vice versa	 Insert key and turn		
Start Extract fan	**Enable control**  Insert key and turn		
Press Mode button till Ac appears in display	 **Enter** Press button		
Press Enter button again to turn extract fan on **Press Enter button again to turn extract fan off**	 **Enter** Press button		Dot flashes to indicate extract active. Dot stops flashing to indicate extractive inactive
Manually release the extinguishant **CAUTION**	Pull down flap and press button to release extinguishant		Extinguishant will release after time displayed in seconds on the countdown timer
Disable extinguishant control step 1	 **Mode** Press mode button till dE is displayed		
Disable extinguishant control step 2	 **Enter** Press button		Dot flashes to indicate extinguishant control is disabled
Enable extinguishant control step 1	 **Mode** Press mode button till dE is displayed		Flashing dot indicates extinguishant control disabled
Enable extinguishant control step 2	 **Enter** Press button		Dot stops flashing to indicate extinguishant control enabled

How To	Do This	Display	Comments
Disable manual release step 1	 **Mode** Press mode button till dt is displayed		
Disable manual release step 1	 **Enter** Press button		Dot flashes to indicate Manual release is disabled
Enable Manual release step 1	 **Mode** Press mode button till dt is displayed		Flashing dot indicates Manual release disabled
Enable Manual release step 2	 **Enter** Press button		Dot stops flashing to indicate Manual release enabled
Disable extract fan step 1	 **Mode** Press mode button till dc is displayed		
Disable extract fan step 2	 **Enter** Press button		Dot flashes to indicate Extract fan is disabled
Enable extract fan step 1	 **Mode** Press mode button till dc is displayed		Flashing dot indicates extract fan disabled
Enable extract fan step 2	 **Enter** Press button		Dot stops flashing to indicate Extract fan enabled
Disable first stage relay output step 1	 **Mode** Press mode button till dP is displayed		
Disable first stage relay output step 2	 **Enter** Press button		Dot flashes to indicate first stage relay output is disabled

How To	Do This	Display	Comments
Enable first stage relay output step 1	 **Mode** Press mode button till dP is displayed		Flashing dot indicates first stage relay output disabled
Enable first stage relay output step 2	 **Enter** Press button		Dot stops flashing to indicate first stage relay output enabled
Disable second stage relay output step 1	 **Mode** Press mode button till dA is displayed		
Disable second stage relay output step 2	 **Enter** Press button		Dot flashes to indicate second stage relay output is disabled
Enable second stage relay output step 1	 **Mode** Press mode button till dP is displayed		Flashing dot indicates second stage relay output disabled
Enable second stage relay output step 2	 **Enter** Press button		Dot stops flashing to indicate second stage relay output enabled
Disable first stage sounders step 1	 **Mode** Press mode button till db is displayed		
Disable first stage sounders step 1	 **Enter** Press button		Dot flashes to indicate first stage sounders are disabled
Enable first stage sounders step 1	 **Mode** Press mode button till db is displayed		Flashing dot indicates first stage sounders disabled
Enable first stage sounders step 2	 **Enter** Press button		Dot stops flashing to indicate first stage sounders enabled